

FEATURES

- White silicone sponge rubber sheets
- Length of 1 m
- Width of 600 mm
- Thickness of 3 mm
- Density of 0.25 g/cm³
- Closed-cell structure, providing excellent thermal insulation and waterproofing
- Shore A Hardness Scale rating of 13
- Resistant to UV and ozone
- Minimum operating temperature range of -60°C
- Maximum operating temperature of +200°C

RS PRO White Rubber Sponge Sheet, 1m x 600mm x 3mm

RS Stock No.: 733-6713



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

The silicone rubber sheet features a closed-cell structure, so it makes an effective seal against liquids and gases. It's resistant to both ozone and UV light and can tolerate extreme temperatures, from as low as -60°C to as high as +200°C. That means it can stand up to a variety of changeable environmental conditions. Additionally, the rubber sheet is highly malleable and can endure significant compression and still return to its original shape. It's also valuable for use in soundproofing, as the silicone sponge rubber construction reduces both vibration and noise.

General Specifications

Colour	White
Suitability	Cold Water, Ethylene Glycol, Hot Water
Application	Automotive, Construction, Electronics, Energy

Electrical Specifications

Dielectric Strength	23kV.mm ⁻¹
Dielectric Constant	2.9
Dissipation Factor At 50c/s	3x10 ⁻¹
Volume Resistivity	3x10 ¹⁵ Ocm

Mechanical Specifications

Length	1m
Thickness	3mm
Width	600mm
Density	0.25g/cm ³
Elongation	100% to 200%
Hardness	11 +/-4, 13
Tensile Strength	0.75Nmm ⁻² Minimum
Limiting Oxygen Index	24%
Thermal Conductivity	0.24W.m ⁻¹ .k ⁻¹
Radiation Resistance	>10 ⁵ Grays (107 Rads) Typical
Compression Stress At 40% Strain	90kPa
Compression Set 22Hours At 70°C	10%

Operation Environment Specifications

Maximum Operating Temperature	200°C
Minimum Operating Temperature	-60°C
Brittle Point	-80°C (-112°F)

Approvals

Compliance/Certifications	ASTM D746, BS2872, VDE 0304, VDE 0303, RoHS Compliant
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